

Air Force Example

Lynda Liptak
AFMC/DR - OAS
Analysis of Alternatives

- Multiple models used interactively
- Models at different levels of maturity
- Varying levels of documentation, V&V, use, configuration control, etc.
- Varying levels resources
- Varying levels of oversight
- Standards set by Office of Aerospace Studies

- Pre MS B M&S work
- M&S for Acquisition Decision
- Must Accredite M&S (yes, we took it seriously)
- Build Accreditation Report
- Looking for buy-in and credibility

- *Customer:* MAJCOM/DR
- *User:* System Operators
- *Producer:* Modelers
- V&V Expertise
- MS&A Expertise
- Independent Facilitator

ASP built by Accreditation Team

- Accreditation Report
 - Review history, past use, define domain
 - Review configuration version control (face validation)
 - Review V&V, assess risk
 - Ensure documentation appropriate
 - Ensure data sources appropriate

- Iteratively working v&v, accreditation, and model development throughout analysis
- Phases of the A:
 - Early to show appropriateness of tools
 - Later to show risk assessment of results
- Produce two Accreditation Reports

- Developed a process for Accreditation for AoAs within the framework of Policy and Guidance